F86WED Receip	ot date: 06/04/2008		, 10522241 - GAU: 28
JUN 0 4 2008	IN THE UNITED STATES PA	ATENT AND	TRADEMARK OFFICE
In re U.S	. Patent Application of)
SUGAHA	ARA ET AL.))) Art Unit 2815
Applicati	ion Number: 10/522,241)) Examiner
Filed: Oc	etober 5, 2005) Valentine, Jami M.
E	SPIN TRANSISTOR BASED ON THE S FFECT AND A NONVOLATILE MEMO PIN TRANSISTORS (AS AMENDED))))
ATTORNI	EY DOCKET No. HIRA.0178)
P.O. Box	sioner of Patents 1450 ria, VA 22313-1450		
Sir:	<u>LE</u>	TTER	
Ti proceeding		are submitted	in the above-captioned application or
	 () Priority Document () Request for Priority () Response to Notice of Non-Compliant Amendment 	() P	nformation Disclosure Statement w/1449 and references Petition under 37 C.F.R. 1.47(a) Check \$180.00
⊠		er 37 C.F.R. § 1	payment of any fees associated with this .16 and 1.17 or credit any overpayment to py of this sheet is attached.
		Respo	ectfully submitted,
	view Park Dr., Suite 1400 rch, Virginia 22042s	Regis Juan	ey P. Fisher stration Number 24,344 Carlos A. Marquez stration Number 34,072
3110 Fair Falls Chu	view Park Dr., Suite 1400 rch, Virginia 22042s -4200	,,,	* /

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.V./



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re	U.S. Patent Application of)
SUGA	AHARA ET AL.)) A =4 TI=:4 2015
Appli	cation Number: 10/522,241) Art Unit 2815) Examiner
Filed:	October 5, 2005) Valentine, Jami M.
For:	A SPIN TRANSISTOR BASED ON THE SPIN- EFFECT AND A NONVOLATILE MEMORY OF SPIN TRANSISTORS (AS AMENDED)	,
Атто	RNEY DOCKET NO. HIRA.0178	'
P.O. I	nissioner of Patents Box 1450 Indria, VA 22313-1450	
Sir:	<u>LETTI</u>	E R
procee		submitted in the above-captioned application or
	 () Priority Document () Request for Priority () Response to Notice of Non-Compliant Amendment 	 (X) Information Disclosure Statement w/1449 and references () Petition under 37 C.F.R. 1.47(a) (X) Check \$180.00
×		to charge payment of any fees associated with this C.F.R. § 1.16 and 1.17 or credit any overpayment to uplicate copy of this sheet is attached.
		Respectfully submitted,
		Stanley P. Fisher Registration Number 24,344 Juan Carlos A. Marquez Registration Number 34,072
3110 Falls (703)	SMITH LLP Fairview Park Dr., Suite 1400 Church, Virginia 22042s 641-4200 4, 2008	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.V./



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re	U.S. Patent Application of)
SUGA	AHARA et al.)) Unit 2815
Appli	cation Number: 10/522,241)) Examiner) Valentine, Jami M.
Filed:	October 5, 2005	9)/05/2608 WABDELR1 00308001 10522241
For:	A SPIN TRANSISTOR BASED ON THE SPIN-FILTER EFFECT AND A NON-VOLATILE MEMORY USING SPIN TRANSISTORS (AS AMENDED)	9) FC:1896 180.00 OF
Attor	ney Docket No. HIRA.0178))

Honorable Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each U.S. and foreign patent, or each publication or portion thereof listed or herein identified, is submitted herewith.

CERTIFICATION

This Information Disclosure Statement is submitted after the mailing date of a Notice of Allowance sent in this application but before payment of the Issue Fee. The certification required under 37 C.F.R. § 1.97(e) is submitted separately or below.

EFS-Web 'Receipt date: 06/04/2008 10522241 - GAU: 2815

It is hereby certified that each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. The fee required under 37 C.F.R. 1.97(c) is submitted herewith.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 08-1480.

Respectfully submitted,

Stanley P. Fisher

Registration Number 24,344

Juan Cartos A. Marquez

Registration Number 34,072

REED SMITH LLP

3110 Fairview Park Drive Suite 1400 Falls Church, Virginia 22042 (703) 641-4200

June 4, 2008

k Receipt date: 06/04/2008 PTO 1449 ATTY. DOCKET NUMBER SERIAL NUMBER HIRA.0178 10/522,241 U.S. Department of Commerce APPLICANT Patent and Trademark Office SUGAHARA et al. FILING DATE GROUP Information Disclosure Statement by Applicant October 5, 2005 2815

HIS	Patent	Docum	ents
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Examiner	DOCUMENT NUMBER	DATE	Name	CLASS	SuB	FILING DATE
Initial_		<u>_</u> _			CLASS	
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Foreign Patent Documents

Examiner		DOCUMENT NUMBER	FILING DATE	Country	CLASS	SUB-	Transl	ATION
Initial						CLASS	YES	No
		WO 01/99137 A2	6/19/2001	PCT			X	
		WO 01/099137 A3	6/19/2001	PCT			Х	
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			333.6 - 2203, PCT/JP0309438, dated May 8,
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